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Noyugen

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/849,117DATE: 06/08/1999  
TIME: 09:43:41

INPUT SET: S32143.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

# 17

## SEQUENCE LISTING

ENTERED

1  
2  
3 (1) General Information:  
4  
5 (i) APPLICANTS: Hallenbeck, Paul L.  
6 Chang, Yung-Nien  
7 Chiang, Yawen L.  
8  
9 (ii) TITLE OF INVENTION: Vectors for Tissue-Specific Replication  
10  
11 (iii) NUMBER OF SEQUENCES: 8  
12  
13 (iv) CORRESPONDENCE ADDRESS:  
14 (A) ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
15 (B) STREET: 1100 New York Avenue NW  
16 (C) CITY: Washington  
17 (D) STATE: D.C.  
18 (E) COUNTRY: U.S.A.  
19 (F) ZIP: 20005-3934  
20  
21 (v) COMPUTER READABLE FORM:  
22 (A) MEDIUM TYPE: Floppy disk  
23 (B) COMPUTER: IBM PC compatible  
24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30  
26  
27 (vi) CURRENT APPLICATION DATA:  
28 (A) APPLICATION NUMBER: 08/849,117  
29 (B) FILING DATE: 1-AUG-1997  
30 (C) CLASSIFICATION:  
31  
32 (vii) PRIOR APPLICATION DATA:  
33 (A) APPLICATION NUMBER: US 08/487,992  
34 (B) FILING DATE: 07-JUN-1995  
35 (C) CLASSIFICATION:  
36  
37 (viii) PRIOR APPLICATION DATA:  
38 (A) APPLICATION NUMBER: US 08/348,258  
39 (B) FILING DATE: 28-NOV-1994  
40 (C) CLASSIFICATION:  
41  
42 (ix) ATTORNEY/AGENT INFORMATION:  
43 (A) NAME: Esmond, Robert W.  
44 (B) REGISTRATION NUMBER: 32,893  
45 (C) REFERENCE/DOCKET NUMBER: 1136.0020002  
46

RAW SEQUENCE LISTING  
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47 (x) TELECOMMUNICATION INFORMATION:  
48 (A) TELEPHONE: (202) 371-2600  
49 (B) TELEFAX: (202) 371-2540  
50 (C) TELEX: 248636 SSK

51

52

53

54 (2) INFORMATION FOR SEQ ID NO:1:

55

56 (i) SEQUENCE CHARACTERISTICS:  
57 (A) LENGTH: 66 base pairs  
58 (B) TYPE: nucleic acid  
59 (C) STRANDEDNESS: single  
60 (D) TOPOLOGY: linear

61

62 (ii) MOLECULE TYPE: DNA

63

64

65 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

66

67 GGGCGCGCCC TGGAAAGTCC GGCTGGGGCG GGGACTGTGG GTTTCAGGGT AGAACTGCGT 60  
68

69 GTGGAA 66

70

71 (2) INFORMATION FOR SEQ ID NO:2:

72

73 (i) SEQUENCE CHARACTERISTICS:  
74 (A) LENGTH: 64 base pairs  
75 (B) TYPE: nucleic acid  
76 (C) STRANDEDNESS: single  
77 (D) TOPOLOGY: linear

78

79 (ii) MOLECULE TYPE: DNA

80

81

82 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

83

84 CGGGACAGGG AGCGGTTAGA AGGGTGGGGC TATTCCGGGA AGTGGTGGGG GGAGGGAACT 60

85

86 AGTA 64

87

88 (2) INFORMATION FOR SEQ ID NO:3:

89

90 (i) SEQUENCE CHARACTERISTICS:  
91 (A) LENGTH: 63 base pairs  
92 (B) TYPE: nucleic acid  
93 (C) STRANDEDNESS: single  
94 (D) TOPOLOGY: linear

95

96 (ii) MOLECULE TYPE: DNA

97

98

99 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

INPUT SET: S32143.raw

100 GATCTACTAG TTCCCTCCCC CCACCACTTC CCGGAATAGC CCCACCCCTTC TAACCGCTCC 60  
101  
102  
103 CTG 63  
104  
105  
106 (2) INFORMATION FOR SEQ ID NO:4:  
107  
108 (i) SEQUENCE CHARACTERISTICS:  
109 (A) LENGTH: 71 base pairs  
110 (B) TYPE: nucleic acid  
111 (C) STRANDEDNESS: single  
112 (D) TOPOLOGY: linear  
113  
114 (ii) MOLECULE TYPE: DNA  
115  
116  
117 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
118  
119 TCCCCTTCCA CACGCAGTTC TACCCTGAAA CCCACAGTCC CCGCCCCAGC CGGACTTTCC 60  
120  
121 AGGGCGCGCC C 71  
122  
123 (2) INFORMATION FOR SEQ ID NO:5:  
124  
125 (i) SEQUENCE CHARACTERISTICS:  
126 (A) LENGTH: 40 base pairs  
127 (B) TYPE: nucleic acid  
128 (C) STRANDEDNESS: single  
129 (D) TOPOLOGY: linear  
130  
131 (ii) MOLECULE TYPE: DNA  
132  
133  
134  
135 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
136  
137 GACCCGGGGCG CGCCGGAGCA GTGCTATTCA AACCATCCAG 40  
138  
139 (2) INFORMATION FOR SEQ ID NO:6:  
140  
141 (i) SEQUENCE CHARACTERISTICS:  
142 (A) LENGTH: 40 base pairs  
143 (B) TYPE: nucleic acid  
144 (C) STRANDEDNESS: single  
145 (D) TOPOLOGY: linear  
146  
147 (ii) MOLECULE TYPE: DNA  
148  
149  
150 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
151  
152 CGAGATCTAC TAGTTCTGCA CCAATAGGTT AATGAGTGTC 40

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153  
154  
155  
156  
157  
158 (2) INFORMATION FOR SEQ ID NO:7:

159  
160 (i) SEQUENCE CHARACTERISTICS:  
161 (A) LENGTH: 33 base pairs  
162 (B) TYPE: nucleic acid  
163 (C) STRANDEDNESS: single  
164 (D) TOPOLOGY: linear

165  
166 (ii) MOLECULE TYPE: DNA  
167

168  
169 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

170  
171 GACCCGGGCG CGCCTCTGTC ACCTTCCTGT TGG

33

172  
173 (2) INFORMATION FOR SEQ ID NO:8:

174  
175 (i) SEQUENCE CHARACTERISTICS:  
176 (A) LENGTH: 34 base pairs  
177 (B) TYPE: nucleic acid  
178 (C) STRANDEDNESS: single  
179 (D) TOPOLOGY: linear

180  
181 (ii) MOLECULE TYPE: DNA  
182

183  
184 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

185  
186 CGAGATCTAC TAGTTCTCTG CTGCTCTGCTC TGTC

34

187

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**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/849,117**

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Line

Error

Original Text